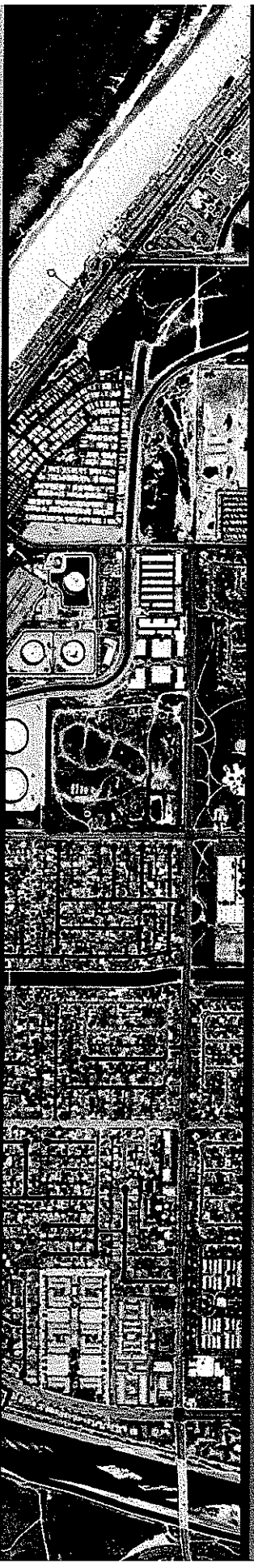


Emergency Action

Ascon Landfill Site

Public Meeting
July 6, 2005



Presented by:

Thomas Cota, Chief
Southern California Cleanup Operations Branch, Cypress Office
Department of Toxic Substances Control
State of California

In conjunction with:

Tamara Zeier
Project Navigator, Ltd.
(Contractor for the Responsible Parties of the Ascon Landfill site)

Agenda

1. Welcome and Introductions

Kim Foreman, DTSC Public Participation Specialist

2. Site Background and Need for Emergency Action

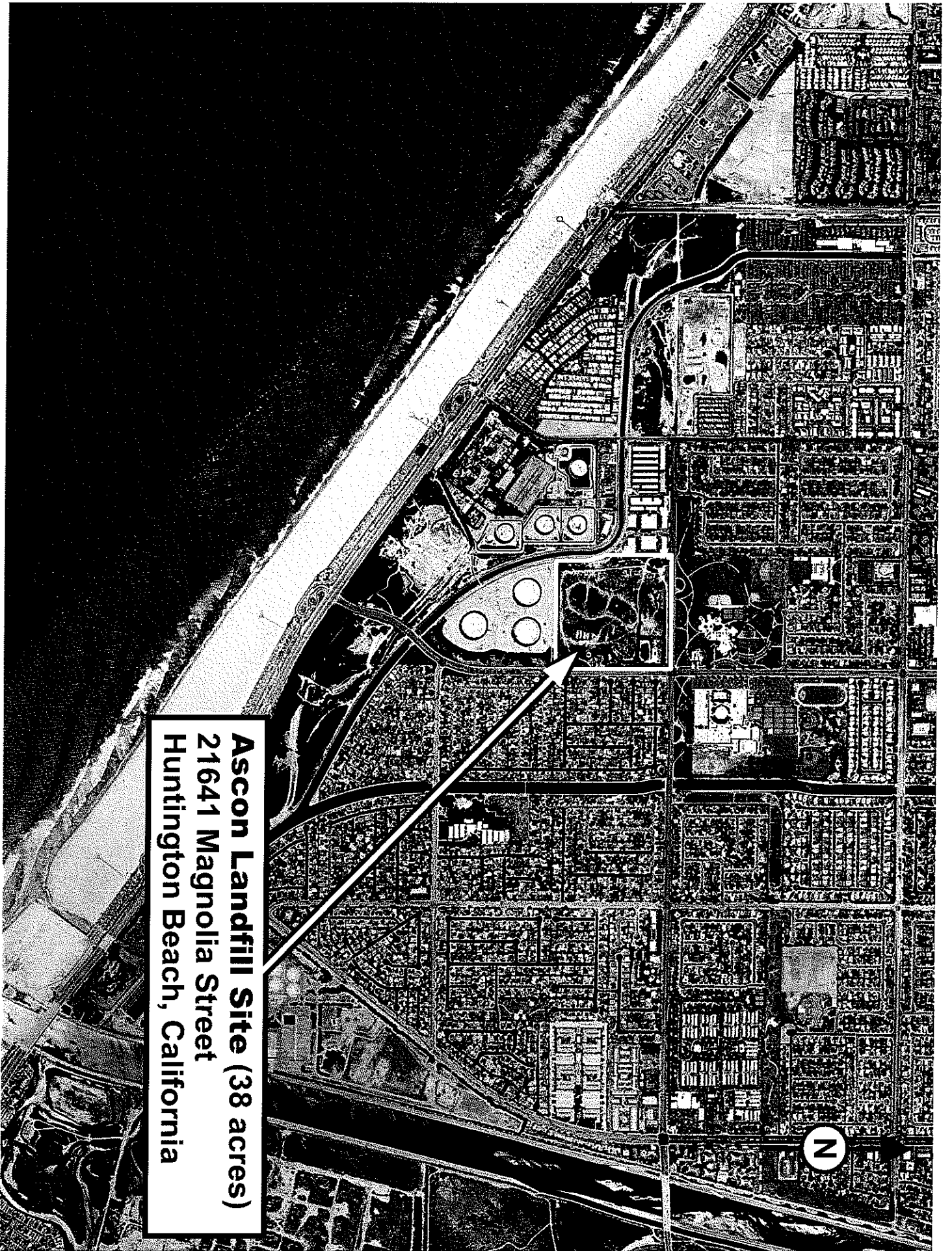
Thomas Cota, DTSC Branch Chief, Southern California Cleanup Operations, Cypress Office

3. Description of Emergency Action Activities

Tamara Zeier, Project Navigator

4. Question-and-Answer Session

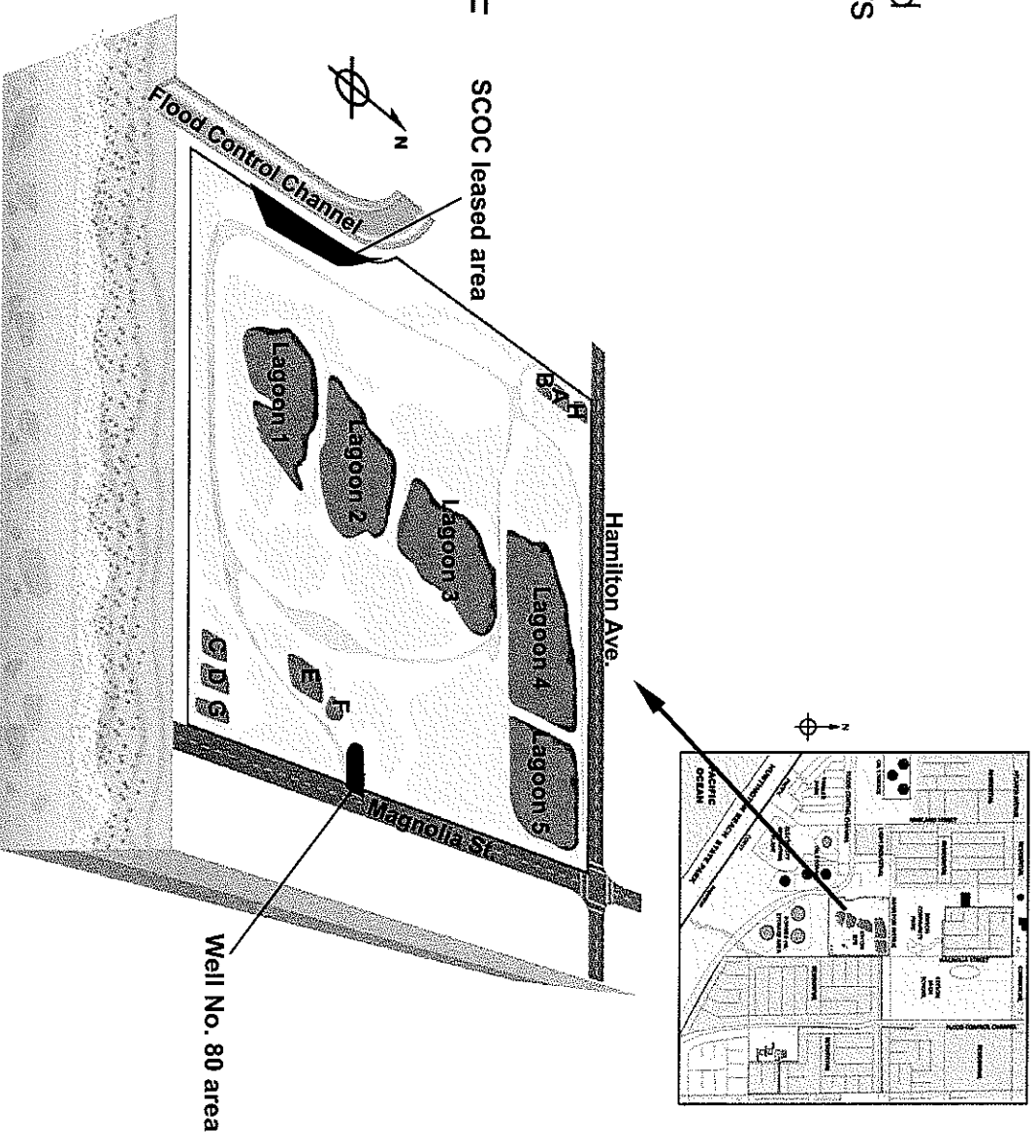
Kim Foreman facilitating



Ascon Landfill Site (38 acres)
21641 Magnolia Street
Huntington Beach, California

Ascon Landfill Site Features

- 38 acres
- Oil production waste and construction debris disposed of for approximately 47 years (1938 – 1984)
- 5 existing lagoons covering approximately 30% of the site and 8 pits
- 2 operating oil wells in southwest corner in leased area (SCOC)
- Area to the northeast of Pit F was the Well No. 80 area



Roles & Responsibilities

- Department of Toxic Substances Control (DTSC)
 - State regulatory agency's mission: protect human health and the environment
 - Oversee the investigation and cleanup of the Ascon Landfill site, including this emergency action
- Responsible Parties (RPs) of the Ascon Landfill site
 - Group of eight companies (former site users)
 - Paying for and performing site investigation and cleanup, including this emergency action
 - RPs' activities are performed under DTSC's oversight

Overall View of Project Status

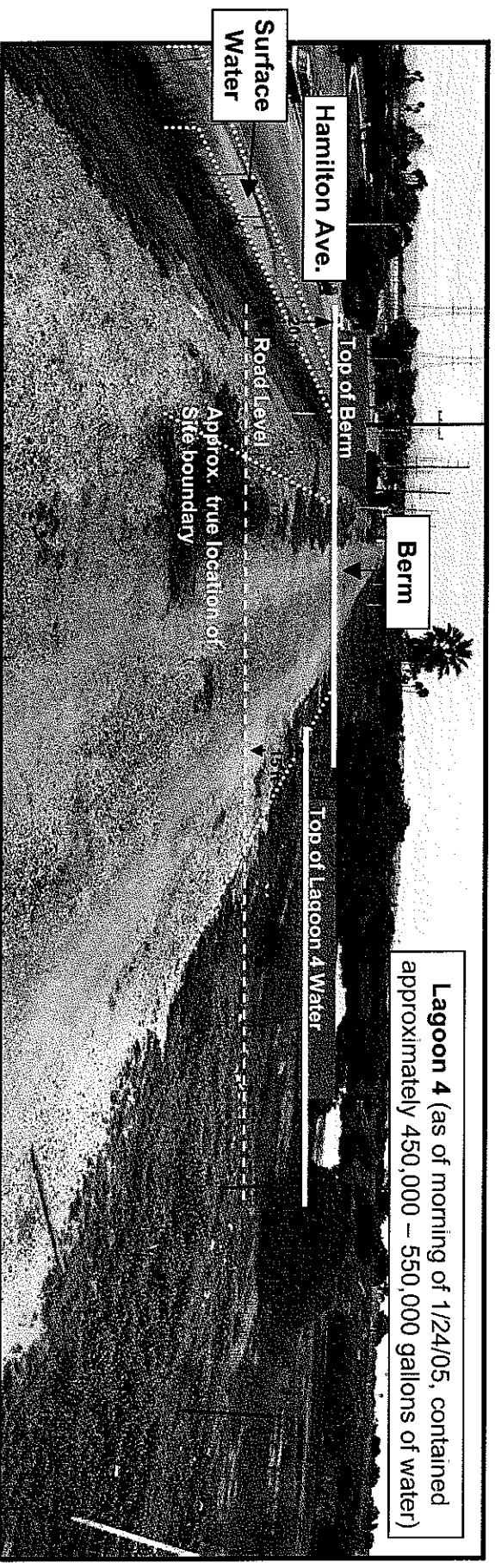
- January 2003 Consent Order
- Groundwater Remedial Investigation
- Second Feasibility Study (SFS)
 - Pilot Study No. 3 (2004)
 - Soil/waste and groundwater
- Remedial Action Plan (RAP)
- Emergency Action

Aerial View After Heavy Rains

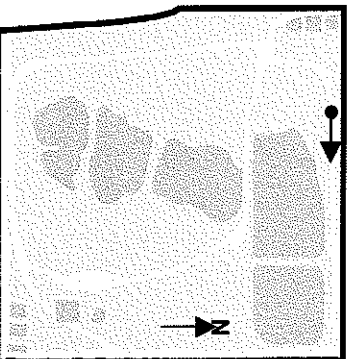
(photo taken on January 15, 2005)



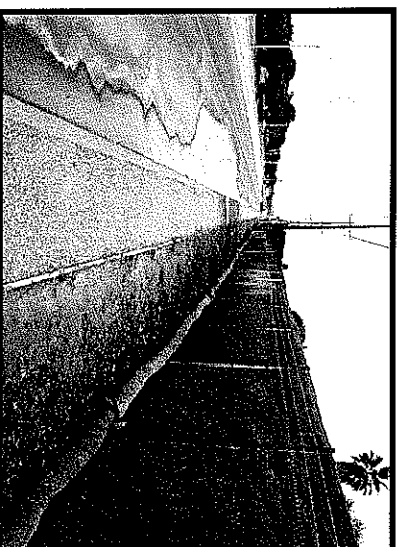
View Looking East on North-side Berm



* All dimensions are approximate.



Location and View Direction
of the Above Image



Seepage at berm area on Hamilton



Cracks along North side berm

Waste in Lagoons

- Lagoon waste is primarily oil field waste, which includes used drilling mud.
- Contaminants include lead, arsenic, and other metals; benzene; benzidine; and PCBs.
- “Drilling mud” is the term used in this presentation for the lagoon waste.

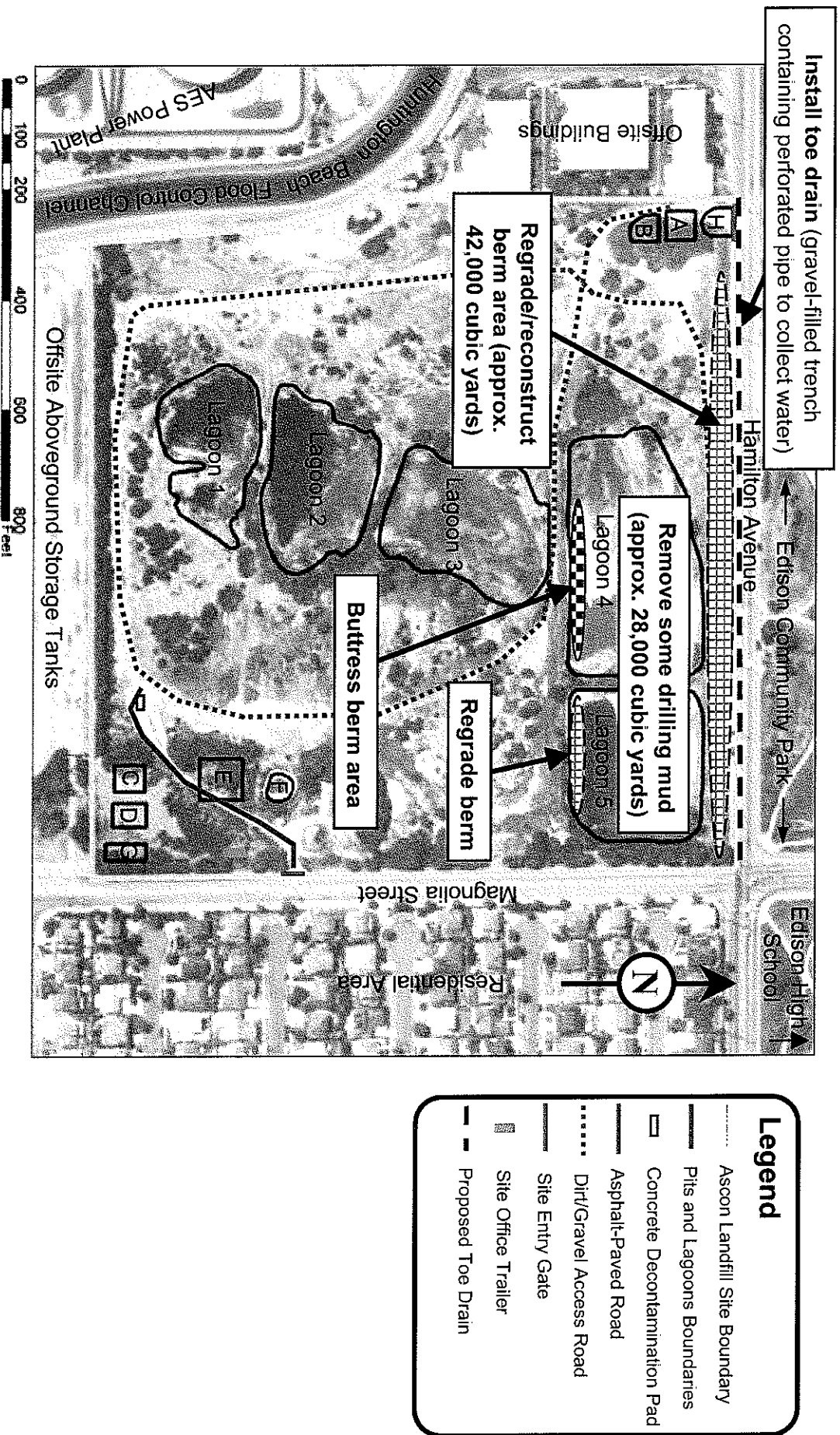
What's the “emergency?”

- Potential failure of the berm along Hamilton Avenue in the event of high water conditions (e.g., next rainy season).
- Berm failure could release hazardous substances, potentially causing an endangerment to public health or welfare, or the environment.
- Immediate action needed prior to the 2005 – 2006 rainy season to alleviate the potential threat of release of hazardous substances.

Legal Authority regarding the Emergency Action

- **DTSC made Imminent or Substantial Endangerment (ISE) determination** on May 13, 2005 that immediate action is necessary to alleviate the potential threat of release of hazardous substances at the site due to potential failure of the earthen berm along Hamilton Avenue.
 - **January 2003 Consent Order between DTSC and Responsible Parties for cleanup of the Ascon Landfill site** provides that DTSC may require additional response actions to be performed if necessary to protect public health and the environment.
 - **California Health and Safety Code** specifies that a remedial action plan is not required if site conditions present an imminent or substantial endangerment to the public health and safety or the environment.
- **California Environmental Quality Act (CEQA).** Under the Public Resources Code and Title 14 California Code of Regulations, the response action is an emergency project and is exempt under the requirements of CEQA.

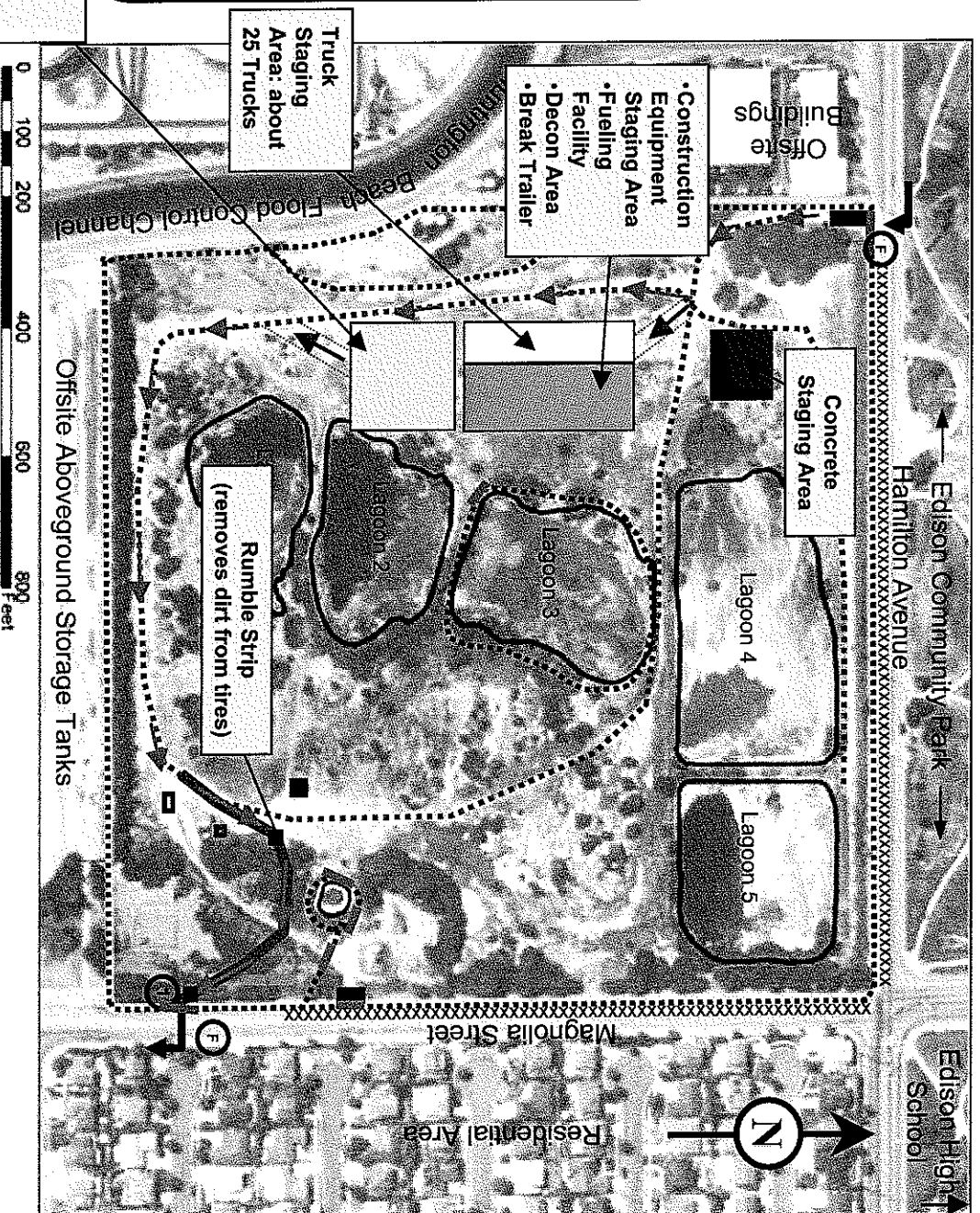
Scope of Emergency Action



Work Site Layout

Legend

- Ascon Landfill Site Boundary
- Pits and Lagoons Boundaries
- Concrete Decontamination Pad
- Concrete Driveway
- Asphalt-Paved Road
- Site Access Road
- Chain Link Fence
- Gate
- Fenced Drum Storage Area
- Temporary Storage Bin
- Site Office Trailers
- Vehicle Entrance/Exit
- Waste Transport Vehicle Progression
- Flag person Location
- Temporary Shoulder/Lane Closure (per Caltrans Watch Manual)
- xxxx
- 1 Install New Gate to Facilitate Truck Exit



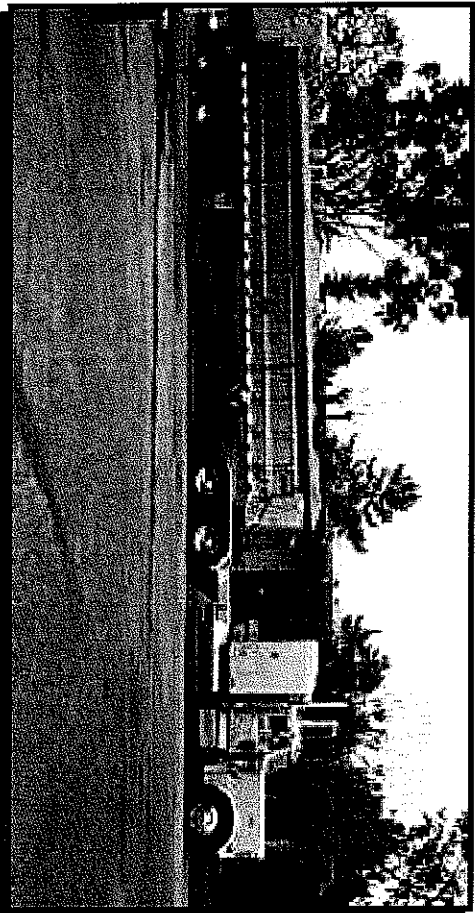
Ascon Landfill Site
July 6, 2005

- Stockpile Staging Area
- Tarping Station
- Dry Decon Station
- Truck Scale(s)
- Asphalt Paved and Bermed
- Waste Processing

Reducing the Load from Behind the Berm

- High water level in lagoons caused stress on the berm
- Remove some drilling mud from lagoons to reduce the load and improve stability of berm
 - Excavate approximately 28,000 cubic yards of drilling mud from Lagoons 4 and 5
 - Use pontoon-mounted excavator in lagoons
 - Load drilling mud into trucks and move to onsite staging area

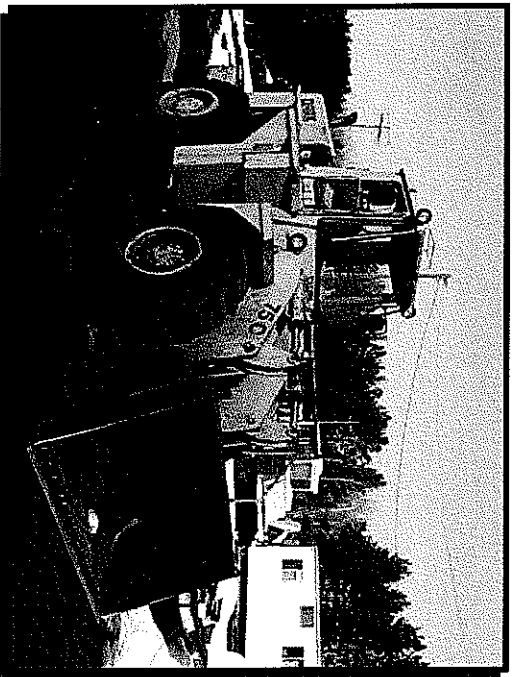
Proposed Equipment



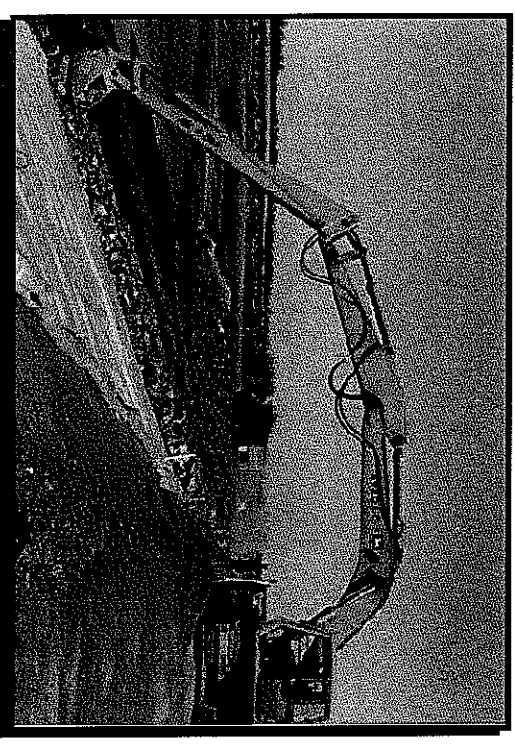
Tarped Truck



Pontoon-Mounted Excavator



Front End Loader



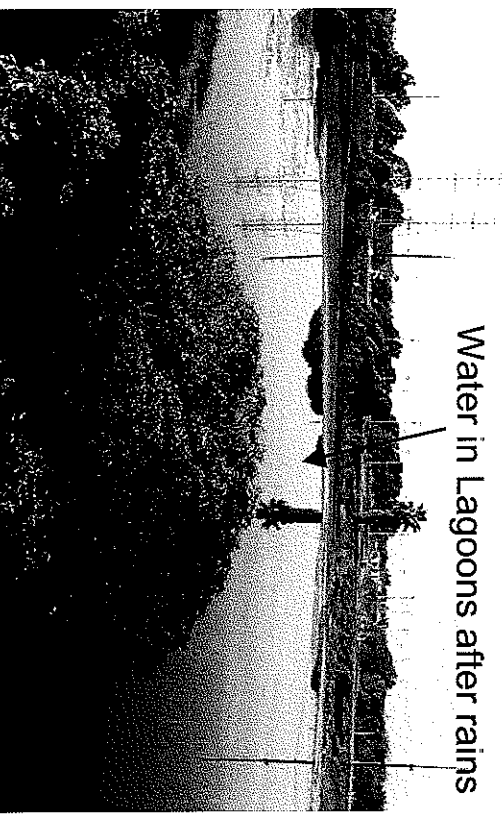
Long Reach Excavator

Lagoons 4 and 5

Lagoon 4

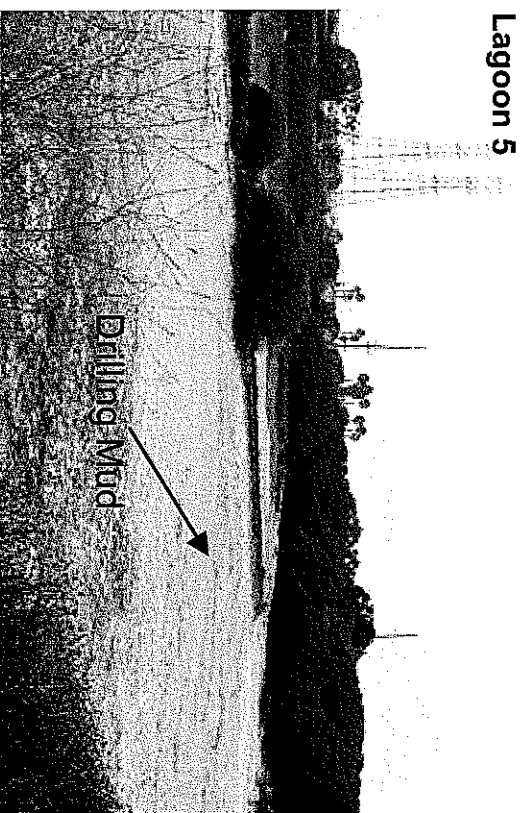


Drilling Mud



Water in Lagoons after rains

Lagoon 5



Drilling Mud



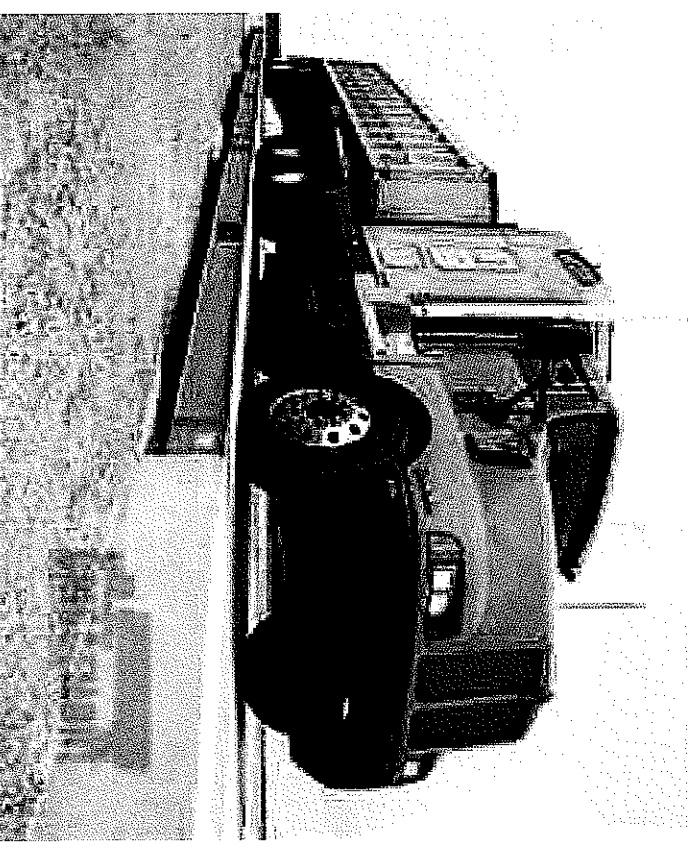
Water in Lagoons after rains

Offsite Removal of Drilling Mud

- Mix drilling mud with soil from other areas of site, as needed, for easier handling
- Load drilling mud from staging area into haul trucks
- Line, tarp, clean, and weigh trucks
- Transport drilling mud to approved facilities:
 - Bradley in San Fernando Valley, or
 - Kettleman/McKittrick in Central Valley

Preparation for Transport

- Weigh trucks on scale before leaving the site
 - Compliant with City and Caltrans weight limits
- Tarp trucks to prevent dust emissions
- Clean trucks to protect streets



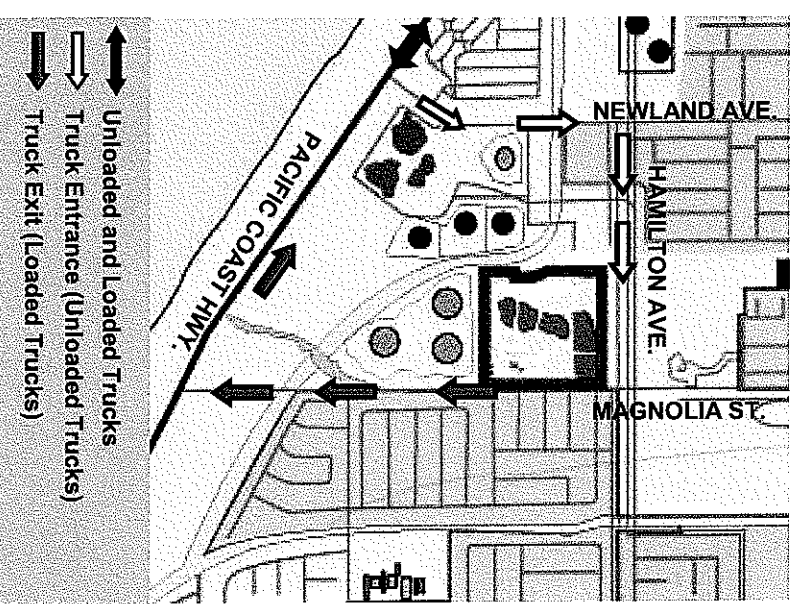
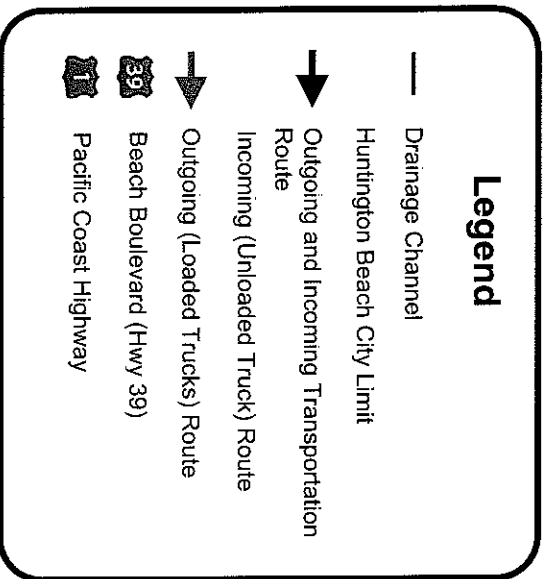
Haul Truck Safety Measures

- Driver training and orientation
- Traffic management
 - Flagmen
 - Some lane closures along Hamilton and Magnolia
 - July through October
 - Mon. - Fri., 7am to 5pm
- Work with City to ensure proper routing and Transportation Control Plan is approved

Spill Prevention and Response

- Spill prevention and response plans in place for onsite and offsite spills
- Offsite spill response by emergency response contractors
- Onsite spill response by trained site workers
- Huntington Beach Fire Department will be first responder

Offsite Truck Route



Ascon Landfill Site

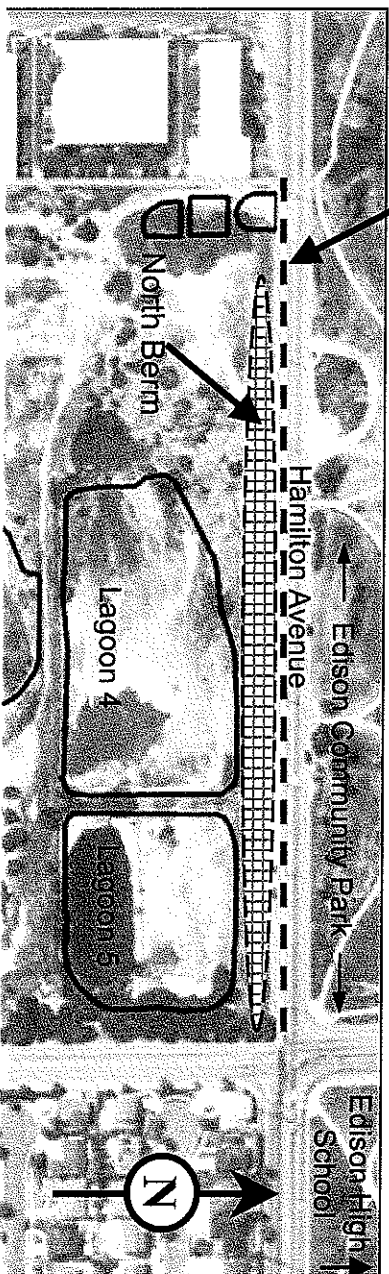
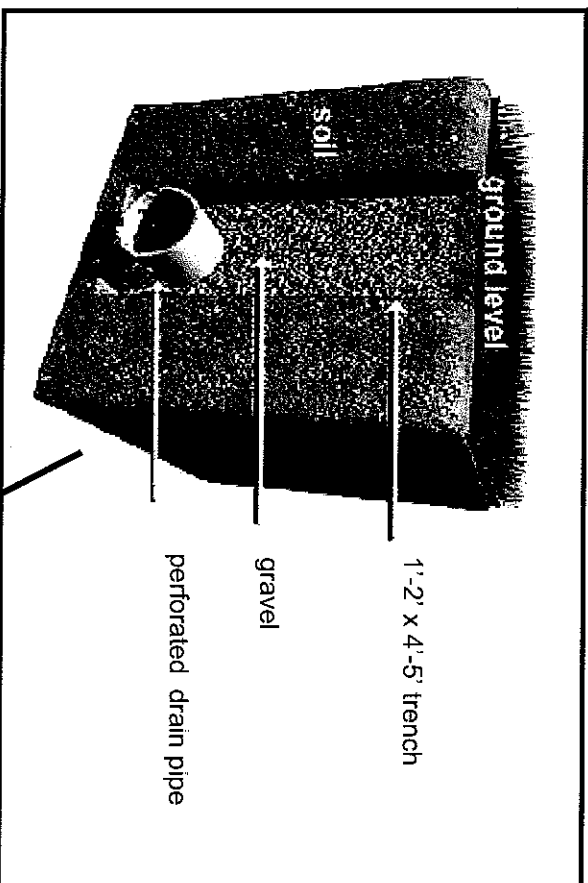
Berm Re-Shaping

- Basic concept
 - Lower the top by approximately 3 feet
 - Make the slope flatter
- Grade the top and slope using an excavator
- Collect and load soil into trucks for transport to the stockpile staging area
- Approximately 42,000 cubic yards of soil disposed of offsite, some of it mixed with drilling mud

Trucking Summary

- Material going offsite:
 - About 28,000 cubic yards of drilling mud
 - About 42,000 cubic yards of soil
- Maximum trucks per day: 90 trucks
- Capacity of each truck: 15 cubic yards
- Total trucks leaving the site: 4,000-5,000 during 4 months (July - October)

Toe Drain



Preliminary Air Monitoring Locations



LEGEND

- Ascon Landfill Site Boundary
- Pits and Lagoons Boundaries
- Meteorological Monitoring Station
(to monitor wind conditions)
- Proposed Air Monitoring and
Sampling Location (Approximate
for Real-Time and Time-
Integrated Sampling (monitoring
for odors, dust, and chemical
vapors))

Note: Air sampling will be conducted at an elevated location during the berm reconstruction.

0 100 200 400 600 800
Scale in Feet
Ascon Landfill Site
July 6, 2005

Estimated Schedule

- Early July: Mobilization & site preparation
- July – October:
 - Remove some drilling mud from Lagoons 4 & 5
 - Stabilization of berms
 - Truck traffic
- September – October: Install toe drain
- November: Demobilization

Who To Contact

- **Issues related to noise, odors, dust, traffic, or site conditions regarding the emergency action activities:**

Tamara Zeier, Project Navigator (contractor for the Responsible Parties)
(714) 388-1804
TZeier@projectnavigator.com

- **Questions about regulatory oversight or general investigation and cleanup of the Ascon Landfill site :**

Christine Chiu, DTSC Project Manager
(714) 484-5470
CChiu@dtsc.ca.gov

- **Issues about public participation:**

Kim Foreman, DTSC Public Participation Specialist
(714) 484-5324
KForeman@dtsc.ca.gov